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Amendment After Final
Attorney Docket No. S63.2N-9703-US02

Amendments To The Claims:

Claims 1-31. (Canceled)

Claim 32. (Previously presented) A coil stent comprising a plurality of arcing segments and expandable links which together form a spiral which extends about a longitudinal axis of the stent, arcing segments connected by expandable links, the expandable links extending generally along the spiral, each expandable link having a longitudinal component which shrinks in a direction parallel to the longitudinal axis on expansion of the stent.

Claim 33. (Previously presented) The coil stent of claim 32 wherein the expandable link has a plurality of bends therein.

Claim 34. (Previously presented) The coil stent of claim 33 comprising a plurality of expandable links, each link having diamond shaped cells.

Claim 35. (Previously presented) The coil stent of claim 32 wherein the plurality of expandable links includes a first expandable link and a second expandable link, the second expandable link spaced along the stent from the first expandable link by at least 90 degrees.

Claim 36. (Previously presented) The coil stent of claim 32 wherein the plurality of expandable links includes a first expandable link and a second expandable link, the second expandable link spaced along the stent from the first expandable link by at least 180 degrees.

Claim 37. (Previously presented) The coil stent of claim 32 wherein the expandable link is made of stainless steel and the arcing segments are made of nitinol.

Claim 38. (Previously presented) The coil stent of claim 32 wherein the arcing segments are in the form of a wire having an outer layer of material and a radiopaque core.

Claim 39. (Previously presented) A coil stent comprising a plurality of non-serpentine segments with serpentine segments extending therebetween, the non-serpentine segments and the serpentine segments together forming a substantially spiral path about a longitudinal axis of the stent.

Claims 40-41. (Canceled)

Claim 42. (Previously presented) The coil stent of claim 39 wherein the plurality of serpentine segments includes a first serpentine segment and a second serpentine segment, the

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second serpentine segment spaced along the stent from the first serpentine segment by at least 90 degrees.

Claim 43. (Previously presented) The coil stent of claim 39 wherein the plurality of serpentine segments includes a first serpentine segment and a second serpentine segment, the second serpentine segment spaced along the stent from the first serpentine segment by at least 180 degrees.

Claim 44. (Previously presented) The coil stent of claim 39 wherein a substantial portion of the substantially circular ring is made of nitinol and the serpentine segment is made of stainless steel.

Claim 45. (Previously presented) The coil stent of claim 39 wherein the non-serpentine segments are in the form of a wire having an outer layer of material and a radiopaque core.